



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

SIW Impact Windows, LLC  
975 S. Congress Avenue, # 102  
Delray Beach, FL 33445

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION:** Series "S-425 & S-426" Aluminum Fixed Window - L.M.I.

**APPROVAL DOCUMENT:** Drawing No. W09-55, titled "S-425/426 Aluminum Fixed Wdw. (L.M.I.)", sheets 1 through 9 of 9, dated 10/13/09, with revision C dated 08/21/14, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING:** Large and Small Missile Impact Resistant.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA# 12-0223.22 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



*Handwritten signature and date: 1/22/15*

NOA No. 14-0926.16  
Expiration Date: January 27, 2020  
Approval Date: January 29, 2015  
Page 1

SIW Impact Windows, LLC.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W09-55**, titled "Series S-425/426 Aluminum Fixed Wdw. (L.M.I.)", sheets 1 through 9 of 9, dated 10/13/09, with revision C dated 08/21/14, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC-TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of an aluminum fixed window, prepared by American Test Lab of South Florida, Test Report No. **ATLSF-1201.01-10**, dated 05/12/11, signed and sealed by Julio E. Gonzalez, P.E.  
*(Submitted under NOA No.09-1021.10)*
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94  
along with marked-up drawings and installation diagram of an aluminum fixed casement window, prepared by Hurricane Engineering and Testing, Inc., Test Reports No. **HETI-09-2627, HETI-09-2629, HETI-09-2630, HETI-09-2633, HETI-09-2625, HETI-09-2626A, HETI-09-2626B and HETI-09-2626C**, dated 10/06/09, signed and sealed by Candido F. Font, P.E.  
*(Submitted under NOA No.09-1021.10)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC-5<sup>th</sup> Edition (2014)**, dated 08/18/14, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with **ASTM E1300-09**

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 14-0926.16

Expiration Date: January 27, 2020  
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SIW Impact Windows, LLC.

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**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **13-0129.27** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 04/11/13, expiring on 12/11/16.
2. Notice of Acceptance No. **11-0624.01** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 09/08/11, expiring on 12/11/16.

**F. STATEMENTS**

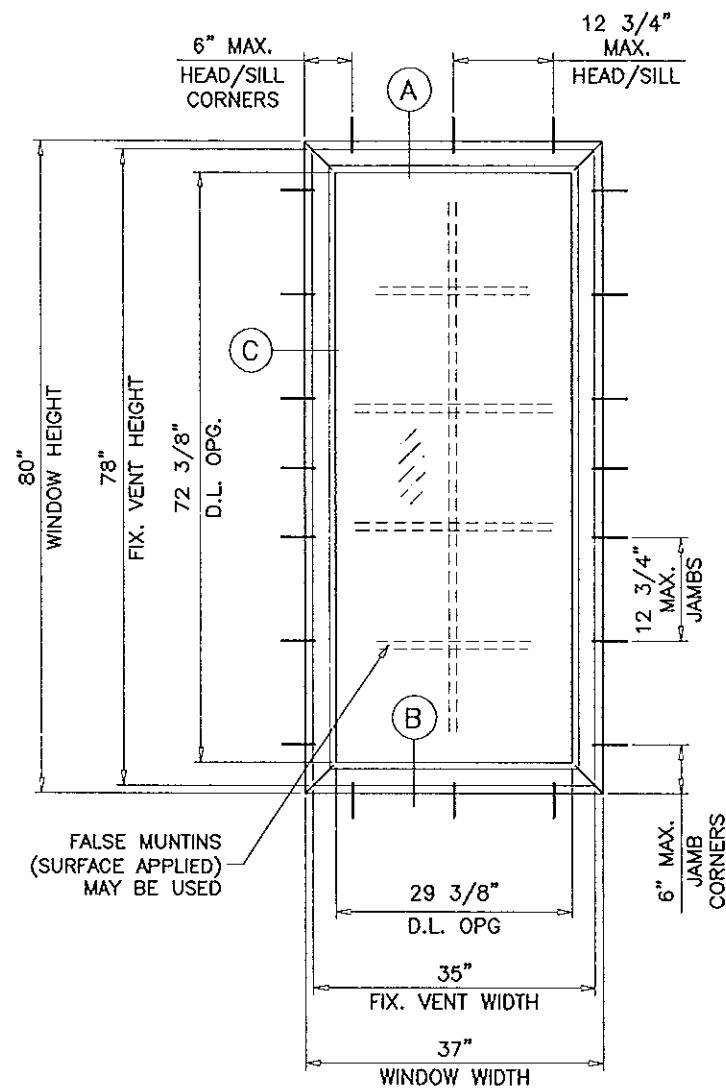
1. Statement letter of conformance, complying with **FBC-5<sup>th</sup> Edition (2014)**, and of no financial interest, dated August 18, 2014, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Laboratory compliance letter for Test Report No. **ATLSF 1201.01-10**, issued by American Test Lab of South Florida, dated 05/12/2011, signed and sealed by Julio E. Gonzalez, P.E.  
*(Submitted under NOA No.09-1021.10)*
3. Laboratory compliance letter for Test Report No.'s **HETI-09-2627, HETI-09-2629, HETI-09-2630, HETI-09-2633, HETI-09-2625, HETI-09-2626A, HETI-09-2626B** and **HETI-09-2626C**, issued by Hurricane Engineering and Testing, Inc., dated 10/06/09, signed and sealed by Candido F. Font, P.E.  
*(Submitted under NOA No.09-1021.10)*

**G. OTHERS**

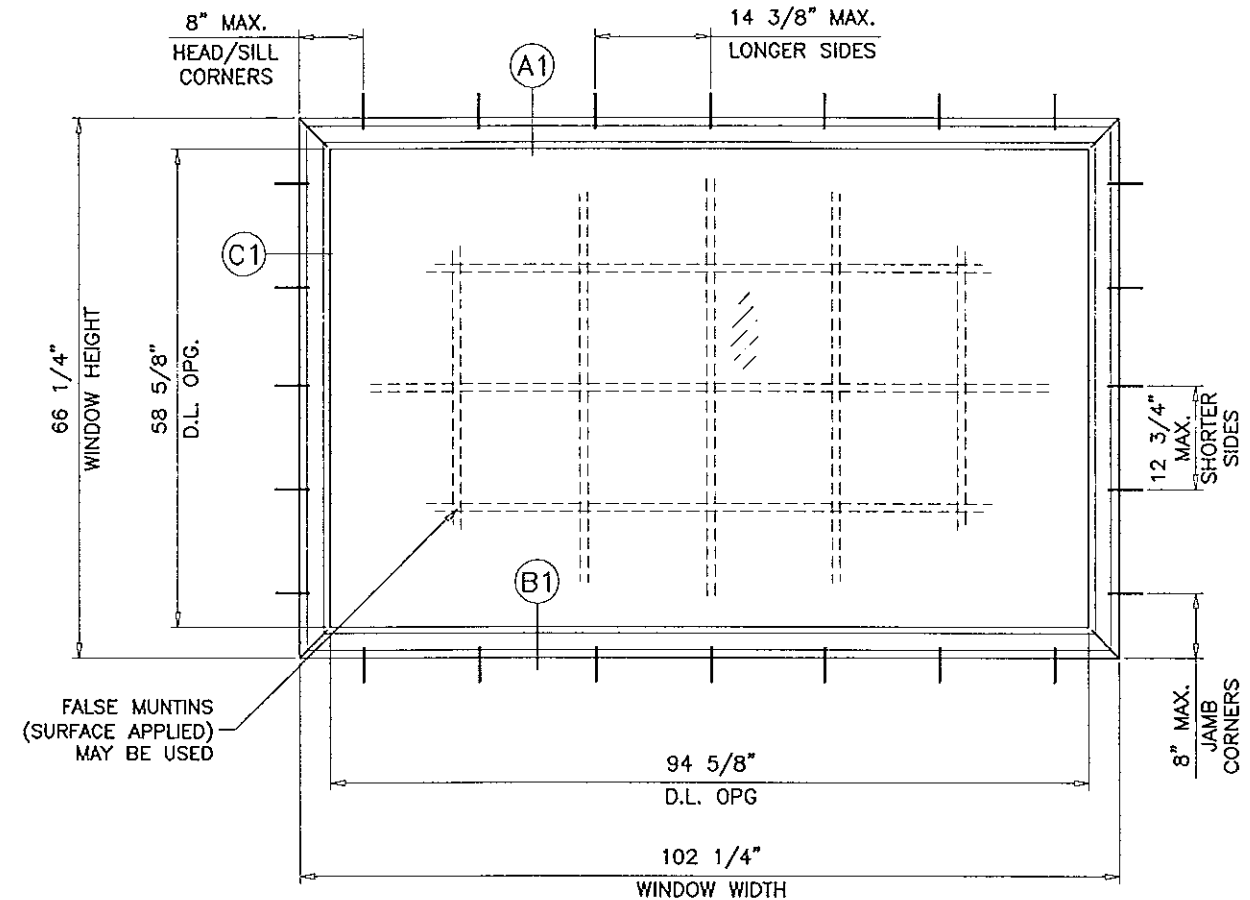
1. Notice of Acceptance No. **12-0223.22**, issued to SIW Impact Windows, LLC for their Series "S-425 & S-426" Aluminum Fixed Window - L.M.I.", approved on 05/03/12 and expiring on 01/27/15.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 14-0926.16

Expiration Date: January 27, 2020  
Approval Date: January 29, 2015



TYPICAL ELEVATION  
SERIES S-425



TYPICAL ELEVATION  
SERIES S-426

# SERIES S-425/426 ALUMINUM FIXED WINDOW

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEETS 2 & 3.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIXED/FIXED OR FIXED WITH OTHER MIAMI-DADE COUNTY APPR'D WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2010 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2010 FLORIDA BLDG. CODE.

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

PRODUCT REVISED  
as complying with the Florida  
Building Code 14.0926.16  
Acceptance No. 14.0926.16  
Expiration Date Jan 27, 2020  
By: [Signature]  
Miami Dade Product Control

AUG 26 2014

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP - ANL \ W09-55SIW

S-425/426 ALUMINUM FIXED WDW. (L.M.I.)  
**SIW IMPACT WINDOWS, LLC.**  
975 S. CONGRESS AVE. #102  
DELRAY BEACH, FL. 33445  
TEL. (561) 274-9392 FAX. (561) 274-9262

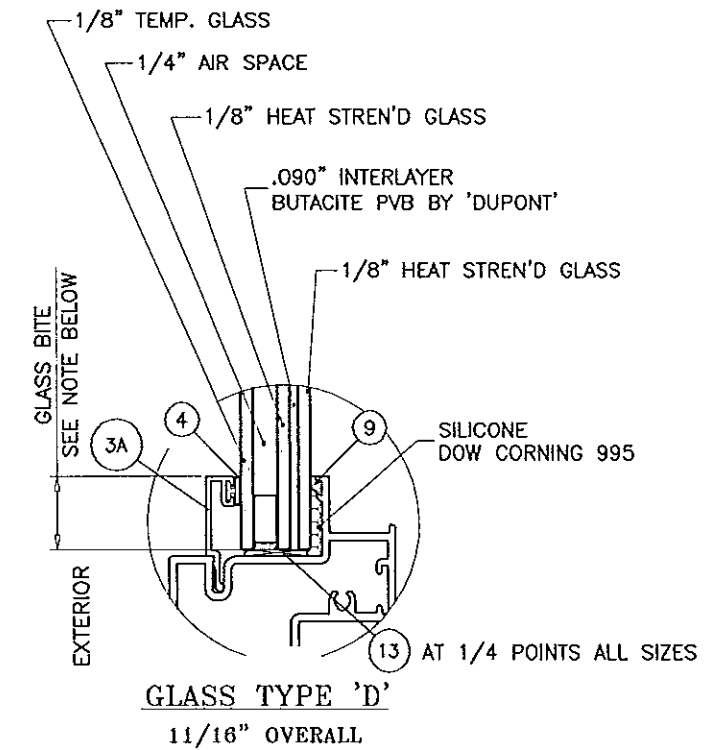
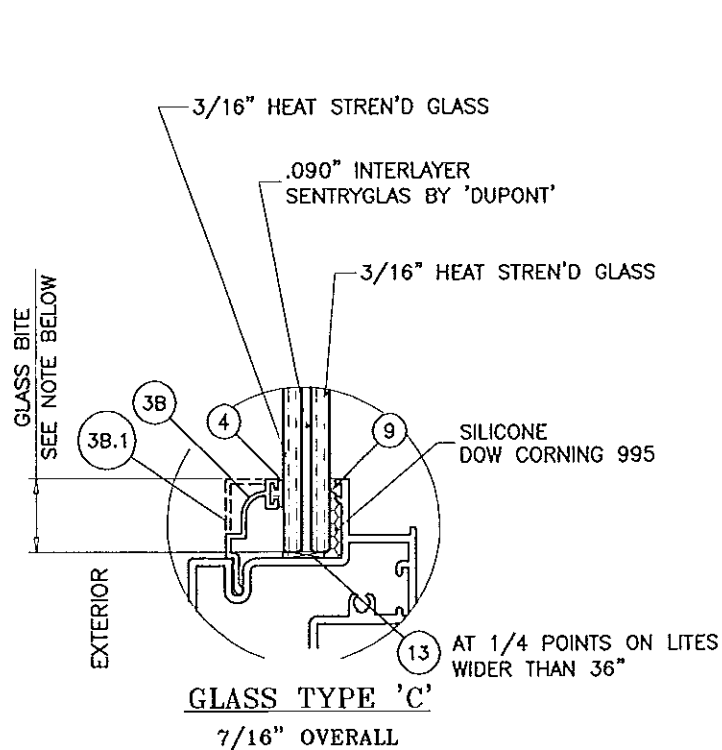
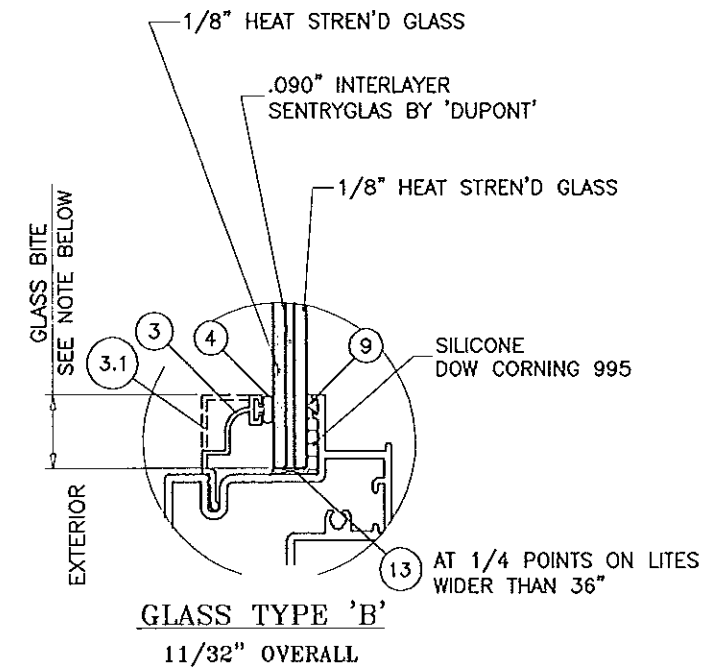
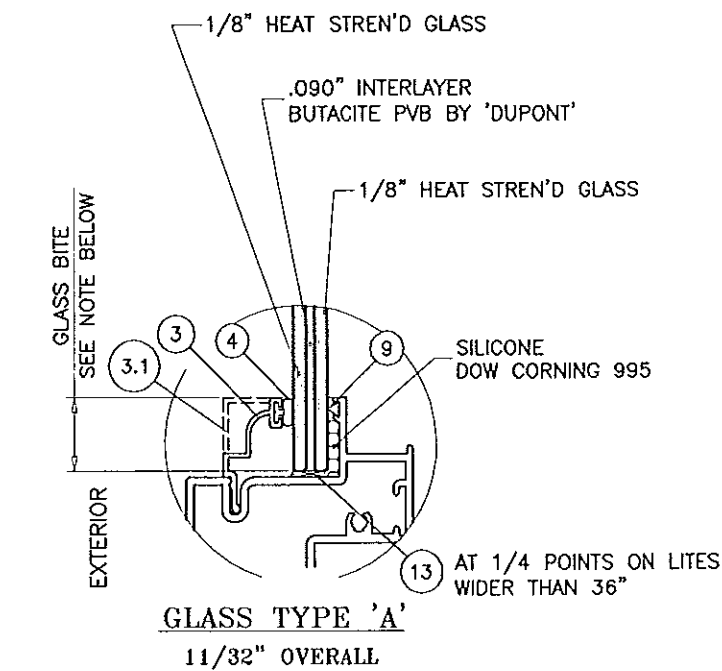
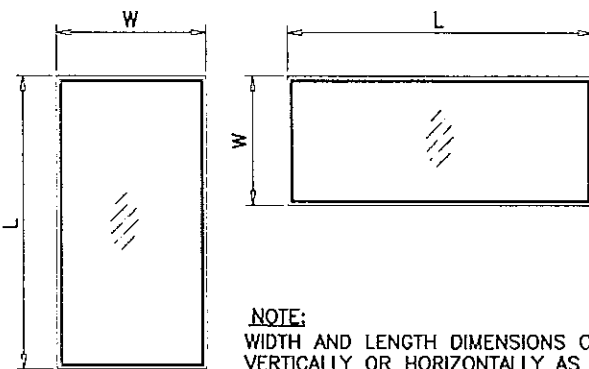
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B	12.06.11		UPDATED TO 2010 FBC
C	08.21.14		UPDATED TO 2014 FBC

date: 10-13-09  
scale: 1/2"=1'-0"  
dr. by: HAMID  
chk. by:

drawing no.  
**W09-55**

sheet 1 of 9

DESIGN LOAD CAPACITY - PSF (SERIES S-425)							
WINDOW DIMS.		GLASS TYPE 'A'		GLASS TYPES 'B' & 'C'		GLASS TYPE 'D'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	38-3/8"	70.0	70.0	80.0	80.0	80.0	80.0
26-1/2"		70.0	70.0	80.0	80.0	80.0	80.0
32"		70.0	70.0	80.0	80.0	80.0	80.0
37"		70.0	70.0	80.0	80.0	80.0	80.0
42"		67.5	67.5	77.1	77.1	77.1	77.1
48"		67.5	67.5	77.1	77.1	77.1	77.1
53-1/8"		67.5	67.5	77.1	77.1	77.1	77.1
60"	50-5/8"	67.5	67.5	77.1	77.1	77.1	77.1
77"		-	-	77.1	77.1	-	-
19-1/8"		70.0	70.0	80.0	80.0	80.0	80.0
26-1/2"		70.0	70.0	80.0	80.0	80.0	80.0
32"		70.0	70.0	80.0	80.0	80.0	80.0
37"		70.0	70.0	80.0	80.0	80.0	80.0
42"		61.7	61.7	70.5	70.5	70.5	70.5
46"		56.3	56.3	61.7	61.7	64.3	64.3
48"		-	-	61.7	61.7	-	-
53-1/8"		-	-	58.5	58.5	-	-
58"		-	-	58.5	58.5	-	-
19-1/8"	63"	70.0	70.0	80.0	80.0	80.0	80.0
26-1/2"		70.0	70.0	80.0	80.0	80.0	80.0
32"		70.0	70.0	80.0	80.0	80.0	80.0
37"		70.0	70.0	80.0	80.0	80.0	80.0
42"		-	-	70.5	70.5	-	-
46"		-	-	64.3	64.3	-	-
19-1/8"	74-1/4"	70.0	70.0	80.0	80.0	80.0	80.0
26-1/2"		70.0	70.0	80.0	80.0	80.0	80.0
31"		70.0	70.0	80.0	80.0	80.0	80.0
32"		-	-	80.0	80.0	-	-
37"		-	-	80.0	80.0	-	-
39"		-	-	75.9	75.9	-	-
19-1/8"	80"	70.0	70.0	80.0	80.0	80.0	80.0
26-1/2"		70.0	70.0	80.0	80.0	80.0	80.0
29"		70.0	70.0	80.0	80.0	80.0	80.0
32"		-	-	80.0	80.0	-	-
37"		-	-	80.0	80.0	-	-
19-1/8"	84"	70.0	70.0	80.0	80.0	80.0	80.0
26-1/2"		70.0	70.0	80.0	80.0	80.0	80.0
27"		70.0	70.0	80.0	80.0	80.0	80.0
32"		-	-	80.0	80.0	-	-
35"		-	-	80.0	80.0	-	-



### GLAZING OPTIONS

GLASS BITE TYPICAL:  
5/8" MIN. GLASS BITE FOR DESIGN LOADS UPTO  $\pm 70.0$  PSF  
3/4" MIN. GLASS BITE FOR DESIGN LOADS ABOVE  $\pm 70.0$  PSF

SERIES S-425

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 14-0926-16  
Expiration Date Jan 27, 2020  
By: [Signature]  
Miami Made Product Control

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
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TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANL W09-55SIW

S-425/426 ALUMINUM FIXED WDW. (L.M.I.)  
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revisions:	no	date	by	description
	A	07.08.11		GENERAL REVISION
	B	12.06.11		NO CHANGE THIS SHEET
	C	08.21.14		UPDATED TO 2014 FBC

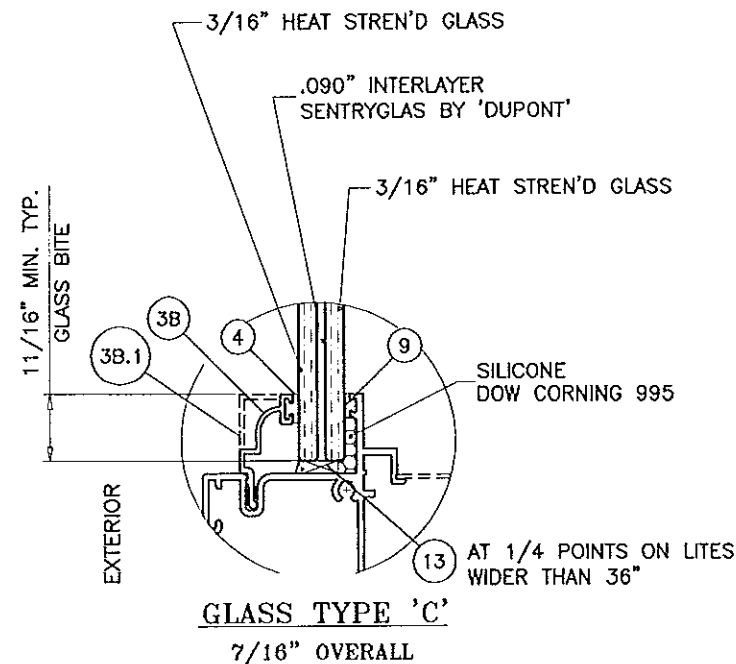
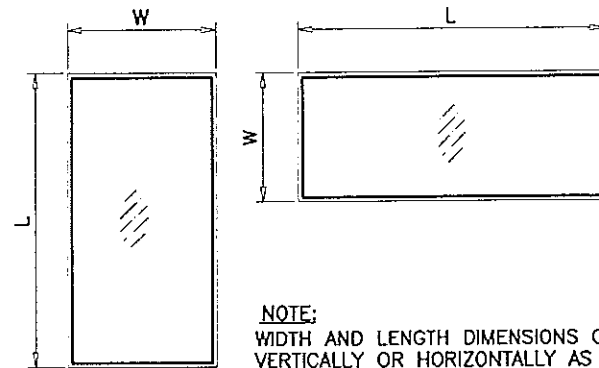
date: 10-13-09  
scale: -  
dr. by: HAMID  
chk. by:

drawing no.  
**W09-55**  
sheet 2 of 9

DESIGN LOAD CAPACITY - PSF (S-426)			
WINDOW DIMS.		GLASS TYPE 'C'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
19-1/8"	63"	80.0	80.0
26-1/2"		80.0	80.0
32"		80.0	80.0
37"		80.0	80.0
42"		80.0	80.0
48"		80.0	80.0
53-1/8"		80.0	80.0
60"		80.0	80.0
66-1/4"		80.0	80.0
72"		80.0	80.0
78"		80.0	80.0
19-1/8"	74-1/4"	80.0	80.0
26-1/2"		80.0	80.0
32"		80.0	80.0
37"		80.0	80.0
42"		80.0	80.0
48"		80.0	80.0
53-1/8"		80.0	80.0
60"		80.0	80.0
66-1/4"		80.0	80.0
72"		73.6	73.6
78"		71.4	71.4
19-1/8"	80"	80.0	80.0
26-1/2"		80.0	80.0
32"		80.0	80.0
37"		80.0	80.0
42"		80.0	80.0
48"		80.0	80.0
53-1/8"		80.0	80.0
60"		80.0	80.0
66-1/4"		80.0	80.0
72"		73.6	73.6
78"		67.9	67.9
19-1/8"	84"	80.0	80.0
26-1/2"		80.0	80.0
32"		80.0	80.0
37"		80.0	80.0
42"		80.0	80.0
48"		80.0	80.0
53-1/8"		80.0	80.0
60"		80.0	80.0
66-1/4"		80.0	80.0
72"		73.6	73.6
78"		67.9	67.9

DESIGN LOAD CAPACITY - PSF (S-426)			
WINDOW DIMS.		GLASS TYPE 'C'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
19-1/8"	90"	80.0	80.0
26-1/2"		80.0	80.0
32"		80.0	80.0
37"		80.0	80.0
42"		80.0	80.0
48"		80.0	80.0
53-1/8"		80.0	80.0
60"		80.0	80.0
66-1/4"		80.0	80.0
72"		73.6	73.6
19-1/8"	96"	80.0	80.0
26-1/2"		80.0	80.0
32"		80.0	80.0
37"		80.0	80.0
42"		80.0	80.0
48"		80.0	80.0
53-1/8"		80.0	80.0
60"		80.0	80.0
66-1/4"		80.0	80.0
19-1/8"	102-1/4"	80.0	80.0
26-1/2"		80.0	80.0
32"		80.0	80.0
37"		80.0	80.0
42"		80.0	80.0
48"		80.0	80.0
53-1/8"		80.0	80.0
60"		80.0	80.0
66-1/4"		80.0	80.0
19-1/8"	108"	80.0	80.0
26-1/2"		80.0	80.0
32"		80.0	80.0
37"		80.0	80.0
42"		80.0	80.0
48"		80.0	80.0
53-1/8"		80.0	80.0
60"		80.0	80.0
19-1/8"	114"	80.0	80.0
26-1/2"		80.0	80.0
32"		80.0	80.0
37"		80.0	80.0
42"		80.0	80.0
48"		80.0	80.0
53-1/8"		80.0	80.0
19-1/8"	120"	80.0	80.0
26-1/2"		80.0	80.0
32"		80.0	80.0
37"		80.0	80.0
42"		80.0	80.0
48"		80.0	80.0
53-1/8"		80.0	80.0

DESIGN LOAD CAPACITY - PSF (S-426)			
WINDOW DIMS.		GLASS TYPE 'C'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
19-1/8"	126"	80.0	80.0
26-1/2"		80.0	80.0
32"		80.0	80.0
37"		80.0	80.0
42"		80.0	80.0
48"		80.0	80.0
53-1/8"		80.0	80.0
19-1/8"	132"	80.0	80.0
26-1/2"		80.0	80.0
32"		80.0	80.0
37"		80.0	80.0
42"		80.0	80.0
48"		80.0	80.0
19-1/8"	138"	80.0	80.0
26-1/2"		80.0	80.0
32"		80.0	80.0
37"		80.0	80.0
42"		80.0	80.0
48"		80.0	80.0
19-1/8"	144"	80.0	80.0
26-1/2"		80.0	80.0
32"		80.0	80.0
37"		80.0	80.0
42"		80.0	80.0



SERIES S-426

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-09 (3 SEC. GUSTS).

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

PRODUCT REVISED  
as complying with the Florida  
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Acceptance No. 14-0926.16  
Expiration Date Jan. 27, 2020  
By: *Manuel Pera*  
Miami Dade Product Control

S-425/426 ALUMINUM FIXED WDW. (L.M.I.)

SIW IMPACT WINDOWS, LLC.  
975 S. CONGRESS AVE. #102  
DELRAY BEACH, FL. 33445

TEL. (561) 274-9392 FAX. (561) 274-9262

no	date	by	description
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C	08.21.14		UPDATED TO 2014 FBC

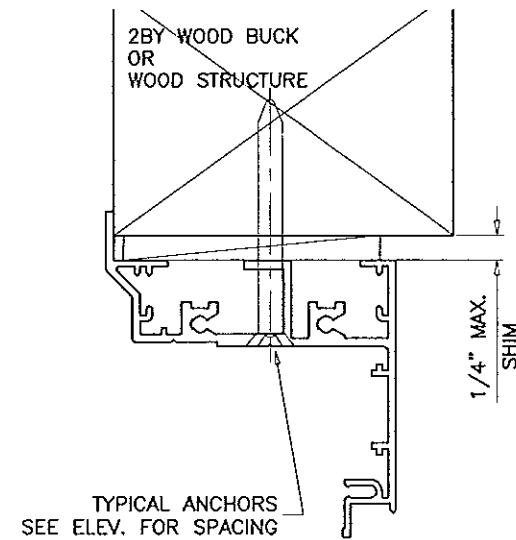
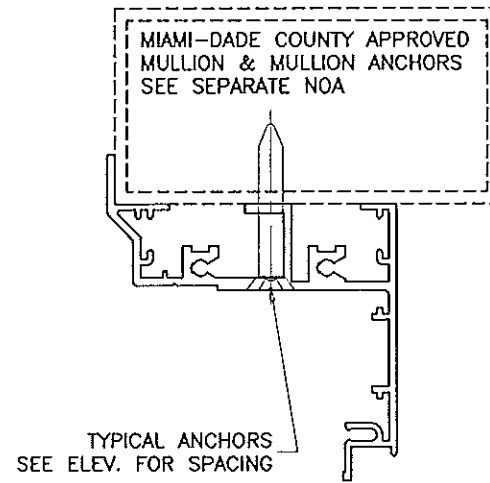
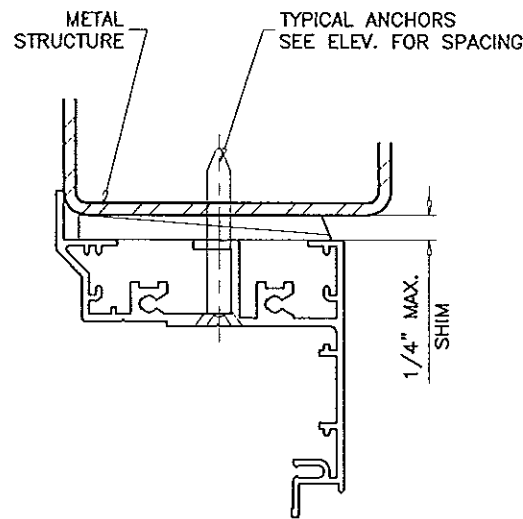
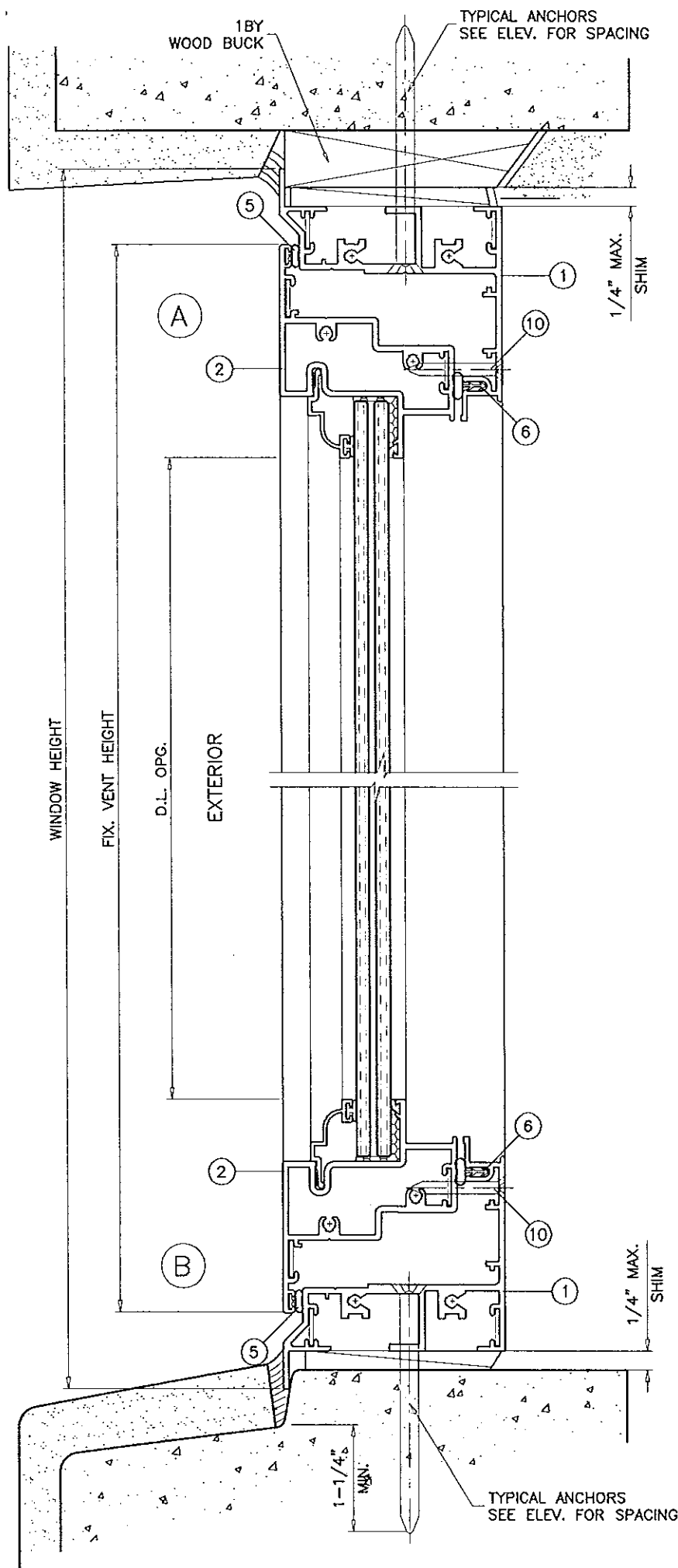
date: 10-13-09	scale: -	dr. by: HAMID	chk. by:
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drawing no.  
W09-55

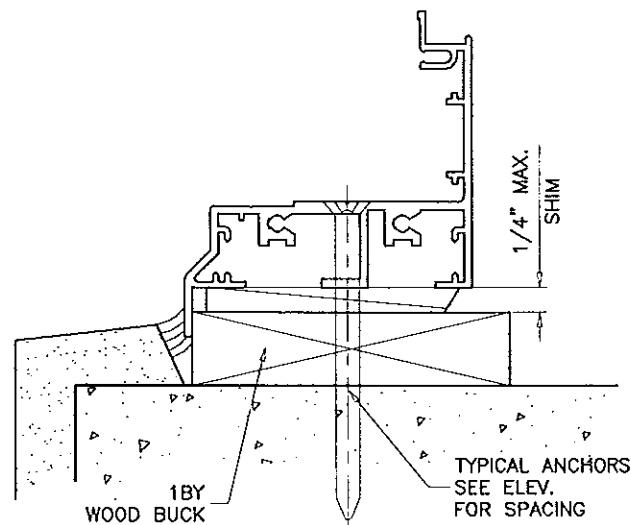
sheet 3 of 9

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978

COMP - ANL\W09-55SIW



WOOD BUCKS AND METAL STRUCTURE NOT BY S.I.W. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.



**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

**1/4" DIA. ULTRACON BY 'ELCO'** ( $F_u=177$  KSI,  $F_y=155$  KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONC. OR MASONRY

**#14 SMS OR SELF DRILLING SCREWS** (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (1/8" THK. MIN.)

INTO METAL STRUCTURES

STEEL : 12 GA. MIN. ( $F_y = 36$  KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**TYPICAL EDGE DISTANCE**

INTO CONCRETE AND MASONRY = 2-1/2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.

CONCRETE AT HEAD, SILL OR JAMBS  $f'_c = 3000$  PSI MIN.

C-90 HOLLOW/FILLED BLOCK AT JAMBS  $f'_m = 2000$  PSI MIN.

**SEALANTS:**

ALL FRAME AND VENT CORNERS SEALED WITH SCHNEE MOREHEAD SM-5504 SEALANT.

**SERIES S-425**

Eng.: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 14-0426-16  
Expiration Date Jan. 27, 2020  
By *Manuel Arz*  
Miami Dade Product Control

AUG 26 2014

S-425/426 ALUMINUM FIXED WDW. (L.M.I.)

SIW IMPACT WINDOWS, LLC.

975 S. CONGRESS AVE. #102

DELRAY BEACH, FL. 33445

TEL. (561) 274-9392 FAX. (561) 274-9262

revisions:	no.	date	by	description
	A	07.08.11		GENERAL REVISION
	B	12.06.11		NO CHANGE THIS SHEET
	C	08.21.14		UPDATED TO 2014 FBC

date:	10-13-09
scale:	1/2" = 1"
dr. by:	HAMID
chk. by:	

drawing no.

**W09-55**

sheet 4 of 9

**AL-FAROOQ CORPORATION**

ENGINEERS & PRODUCT DEVELOPMENT

1235 S.W. 87 AVE

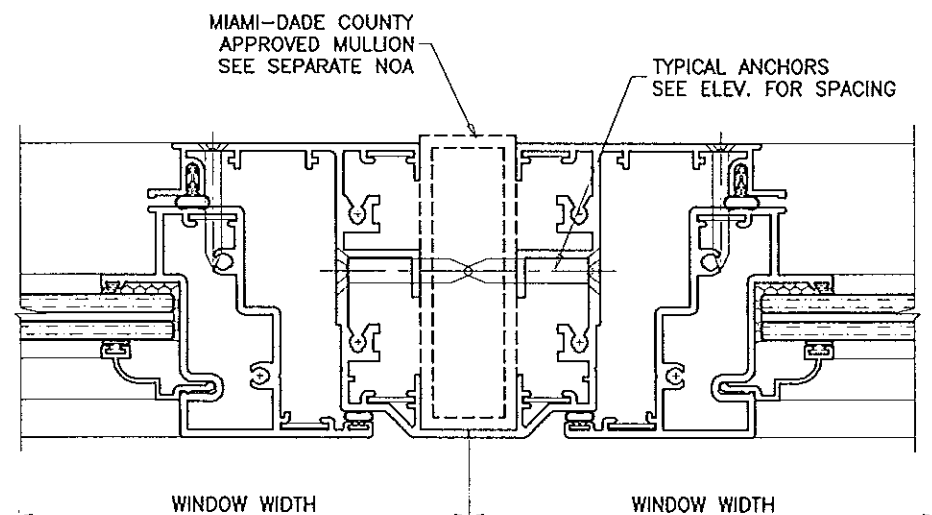
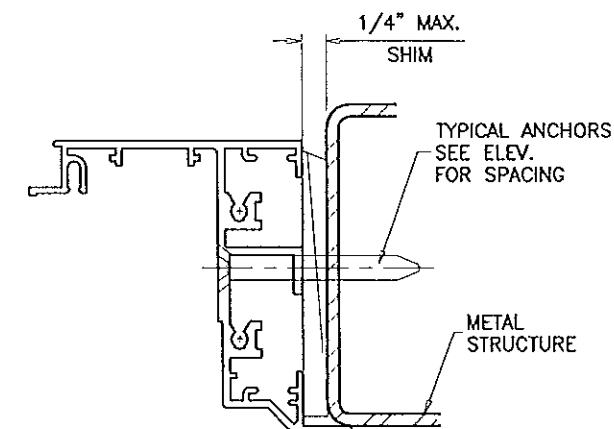
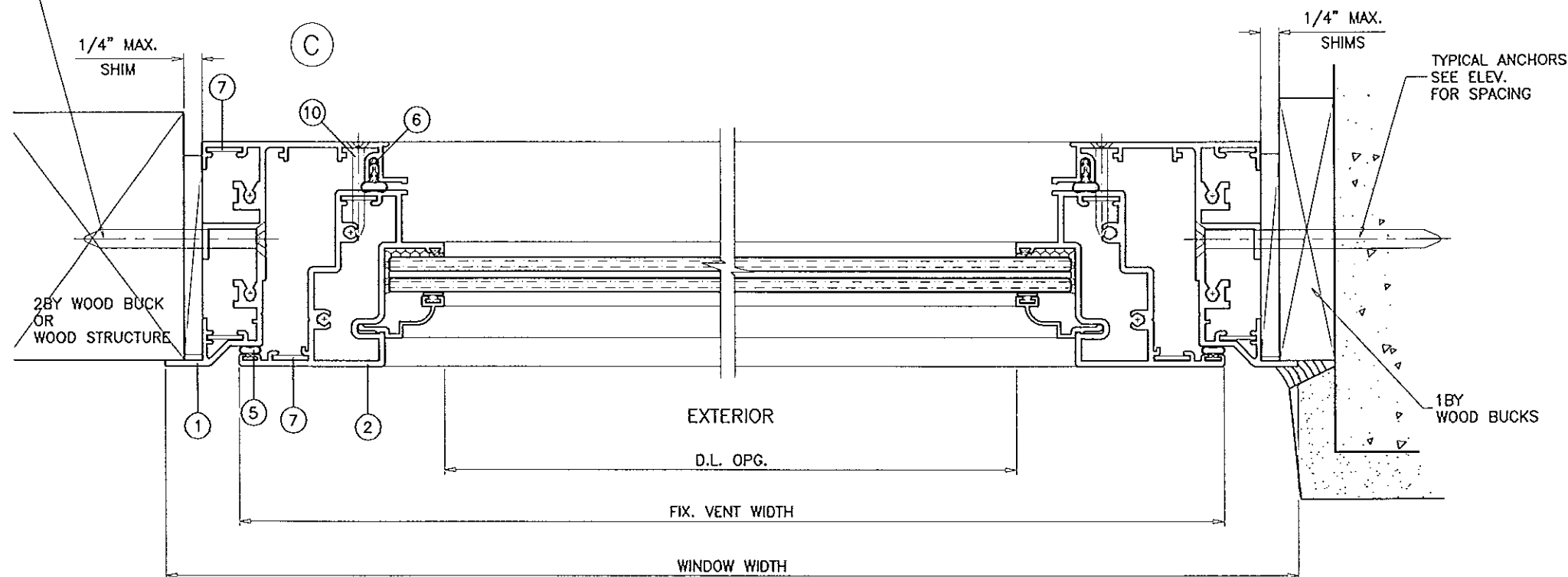
MIAMI, FLORIDA 33174

TEL (305) 264-8100

FAX (305) 262-6978

COMP - ANL W09-55SIW

TYPICAL ANCHORS  
SEE ELEV. FOR SPACING



SERIES S-425

Engr: JAVAD AHMAD  
CIVIL  
FLA. REG. # 70592  
CLAW. 3538

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 14-0926-16  
Expiration Date Jan 27, 2020  
By *Manuel Perez*  
Miami Dade Product Control

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1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
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COMP - ANL \ W09-55SIW

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975 S. CONGRESS AVE. #102  
DELRAY BEACH, FL. 33445  
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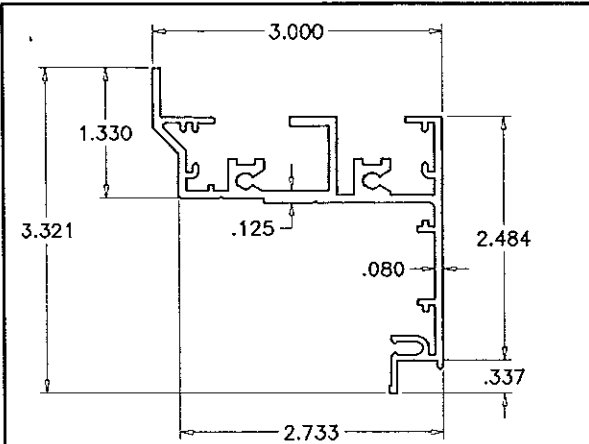
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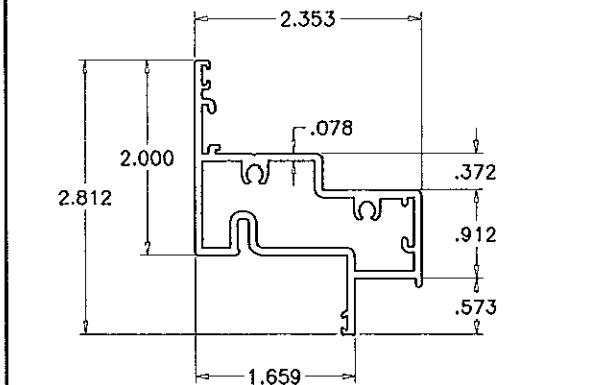
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**W09-55**

sheet 5 of 9

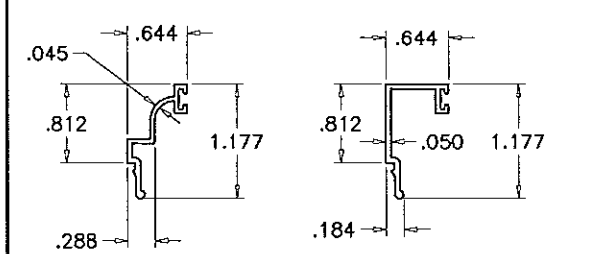




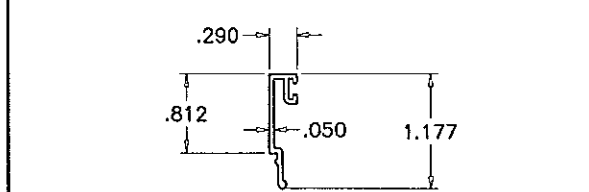
① FRAME



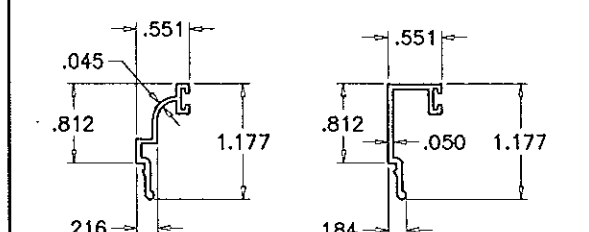
② VENT



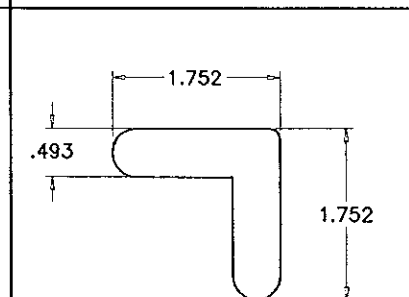
③ GLAZING BEADS (5/16" GLASS)



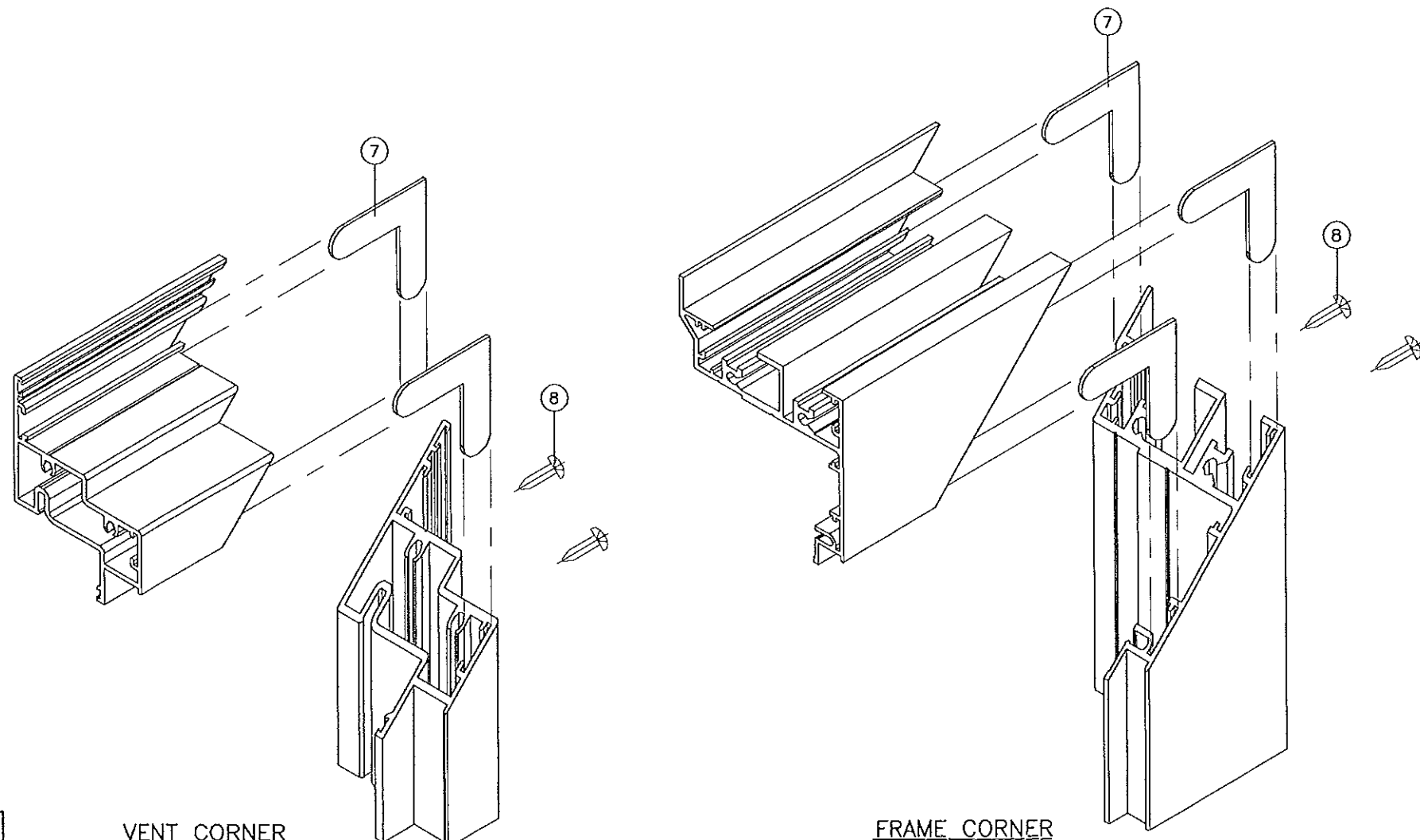
3A GLAZING BEAD (11/16" INSUL. GLASS)



3B GLAZING BEADS (7/16" GLASS)



⑦ CORNER LOCK



VENT CORNER

FRAME CORNER

ITEM NO.	PART NO.	QUANTITY	DESCRIPTION	MATERIAL	MANUF./SUPPLIER/REMARKS
1	SIW401	1	FRAME HEAD/SILL/JAMB	6063-T6	-
2	SIW402	1	VENT	6063-T6	-
3	SIW112	AS REQD.	GLAZING BEAD (5/16" GLASS)	6063-T6	-
3.1	SIW128	AS REQD.	ALT. GLAZING BEAD (5/16" GLASS)	6063-T6	-
3A	SIW117	AS REQD.	GLAZING BULB (11/16" INSUL. GLASS)	6063-T6	-
3B	SIW108	AS REQD.	GLAZING BEAD (7/16" GLASS)	6063-T6	-
3B.1	SIW127	AS REQD.	ALT. GLAZING BEAD (7/16" GLASS)	6063-T6	-
4	5531	AS REQD.	EXT. GLAZING SPACER, DUROMETER 70±5 SHORE A	SANTOPRENE	CENTRAL PLASTICS
5	9302	AS REQD.	OUTER COMPRESSION SEAL	-	CENTRAL PLASTICS
6	APT425	AS REQD.	INNER COMPRESSION SEAL	-	SCHLEGEL SYSTEMS
7	PJS40-SS	2/ CORNER	CORNER LOCK	ST. STEEL	SULLIVAN & ASSOCIATES
8	-	2/ CORNER	FRAME & VENT ASSY. SCREWS	CRS	#10 x 1-1/4" FH SMS
9	5530	AS REQD.	INTERIOR GLAZING SPACER, DUROMETER 70±5 SHORE A	SANTOPRENE	CENTRAL PLASTICS
10	-	AS REQD.	FIX. VENT MOUNTING SCREWS, AT 5" FROM ENDS & 13" O.C.	CRS	#10 x 1-1/2" FH SMS

SERIES S-425

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A. # 3538  
AUG 26 2014

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 14-0926-16  
Expiration Date Jan. 27, 2020  
By: Manuel Perez  
Miami Dade Product Control

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANL\W09-55SIW

S-425/426 ALUMINUM FIXED WDW. (L.M.I.)

**SIW IMPACT WINDOWS, LLC.**  
975 S. CONGRESS AVE. #102  
DELRAY BEACH, FL. 33445  
TEL (561) 274-9392 FAX (561) 274-9262

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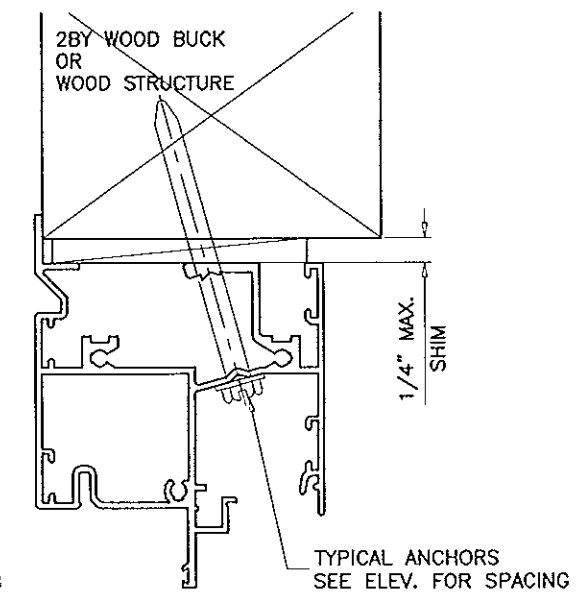
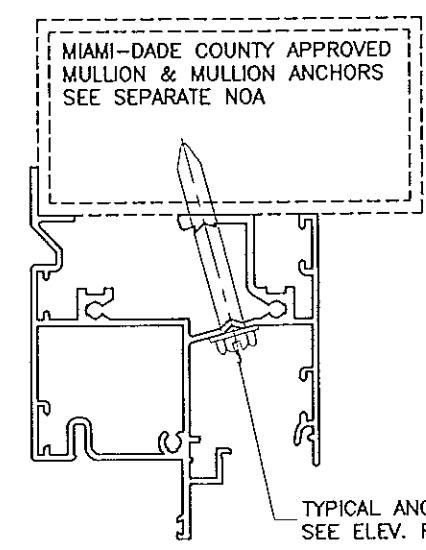
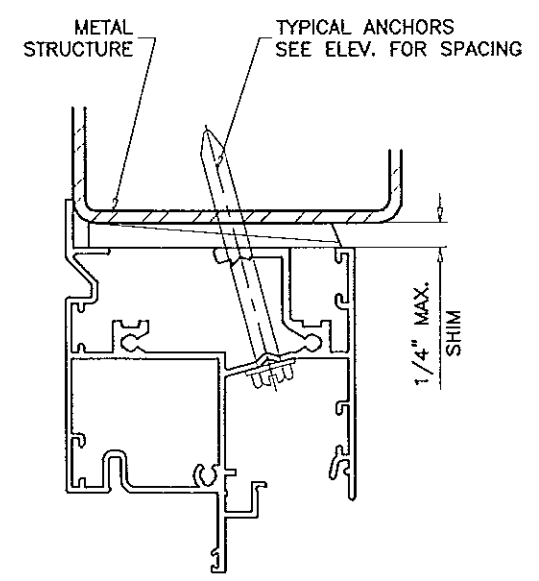
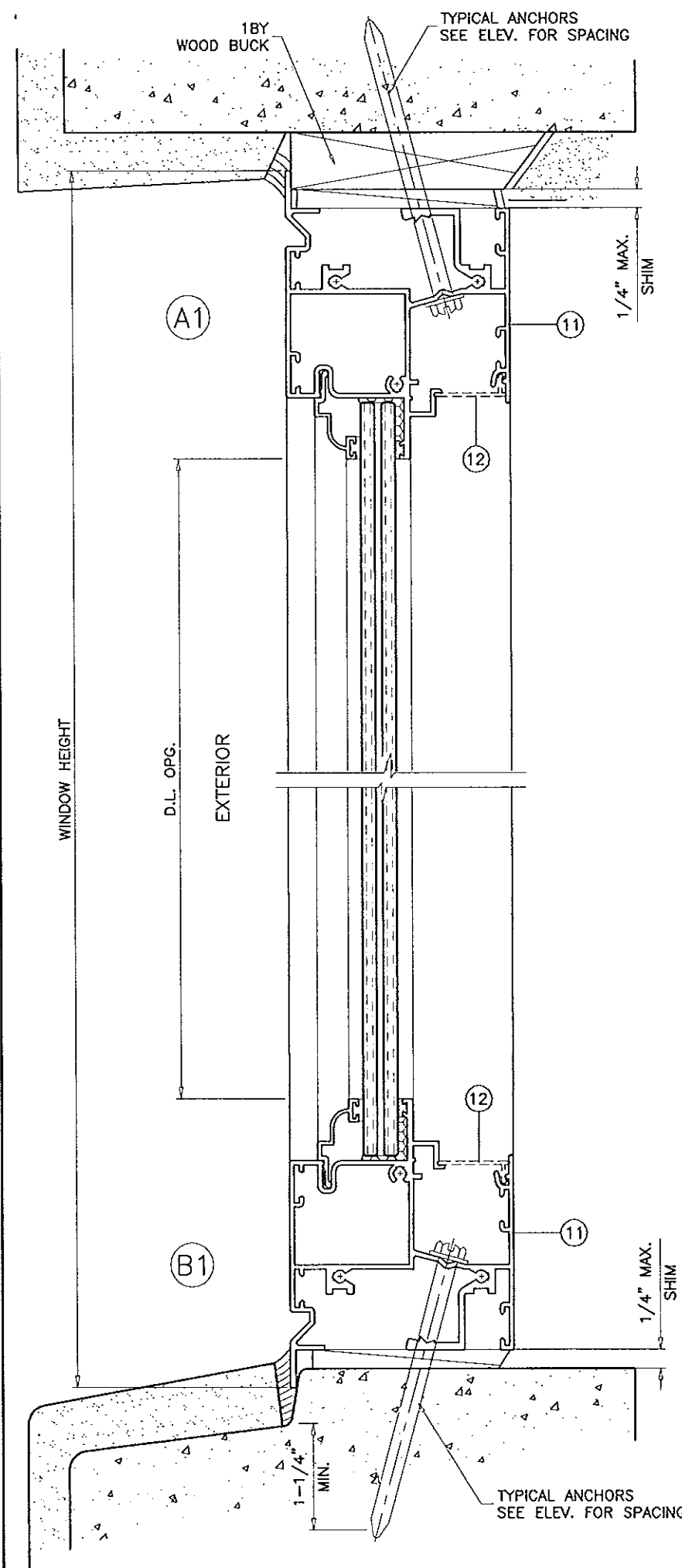
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dr. by: HAMID

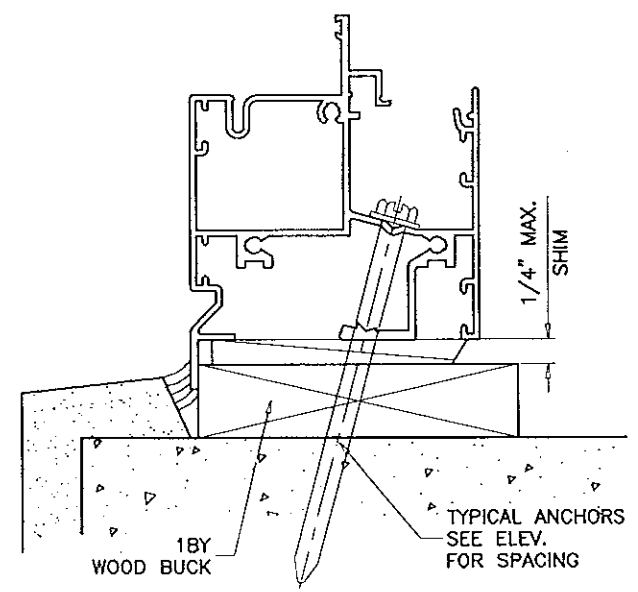
chk. by:

drawing no.  
**W09-55**

sheet 6 of 9



WOOD BUCKS AND METAL STRUCTURE NOT BY S.I.W. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.



**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING  
**1/4" DIA. ULTRACON BY 'ELCO'** (Fu=177 KSI, Fy=155 KSI)  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
 1-1/2" MIN. PENETRATION INTO WOOD  
 THRU 1BY BUCKS INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY  
 DIRECTLY INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY  
**#14 SMS OR SELF DRILLING SCREWS** (GRADE 2 CRS)  
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (1/8" THK. MIN.)  
 INTO METAL STRUCTURES  
 STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)  
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**TYPICAL EDGE DISTANCE**  
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 INTO WOOD STRUCTURE = 1" MIN.  
 INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.  
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.  
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

**SEALANTS:**  
 ALL FRAME AND VENT CORNERS SEALED WITH SCHNEE MOREHEAD SM-5504 SEALANT.

**SERIES S-426**

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538  
 AUG 26 2014

PRODUCT REVISED  
 as complying with the Florida  
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 Acceptance No. 14-0926.16  
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 By: *Manuel Perez*  
 Miami Dade Product Control

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 COMP-ANL\W09-55SIW

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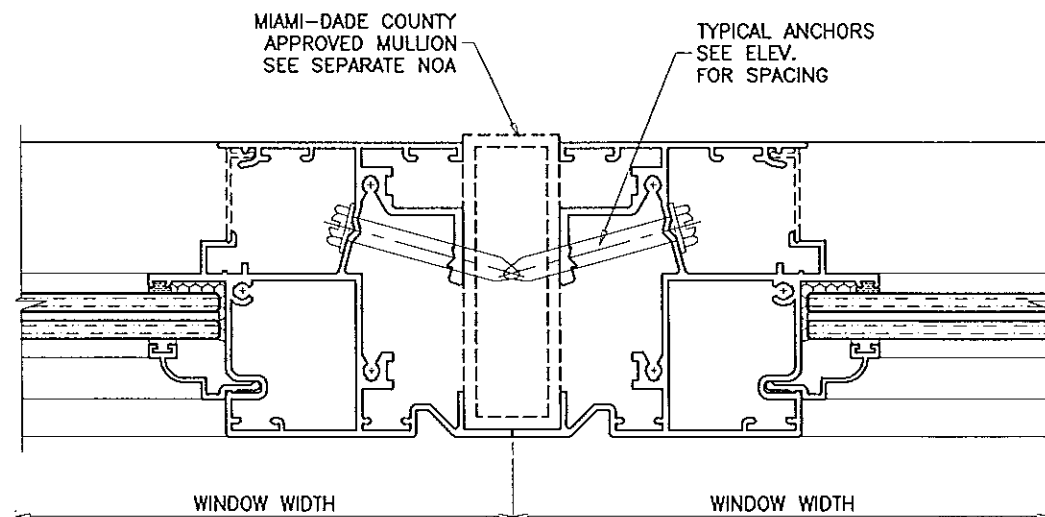
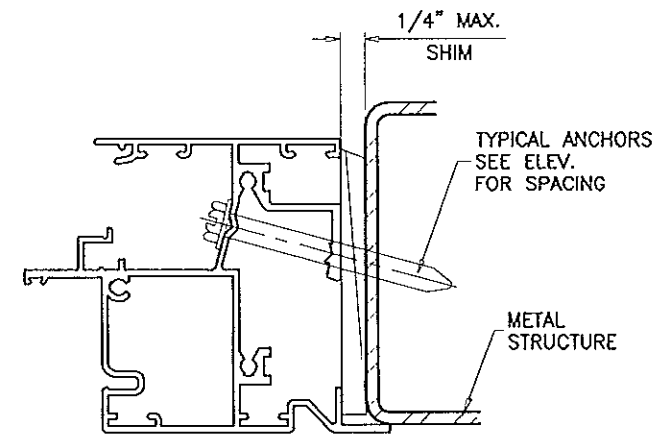
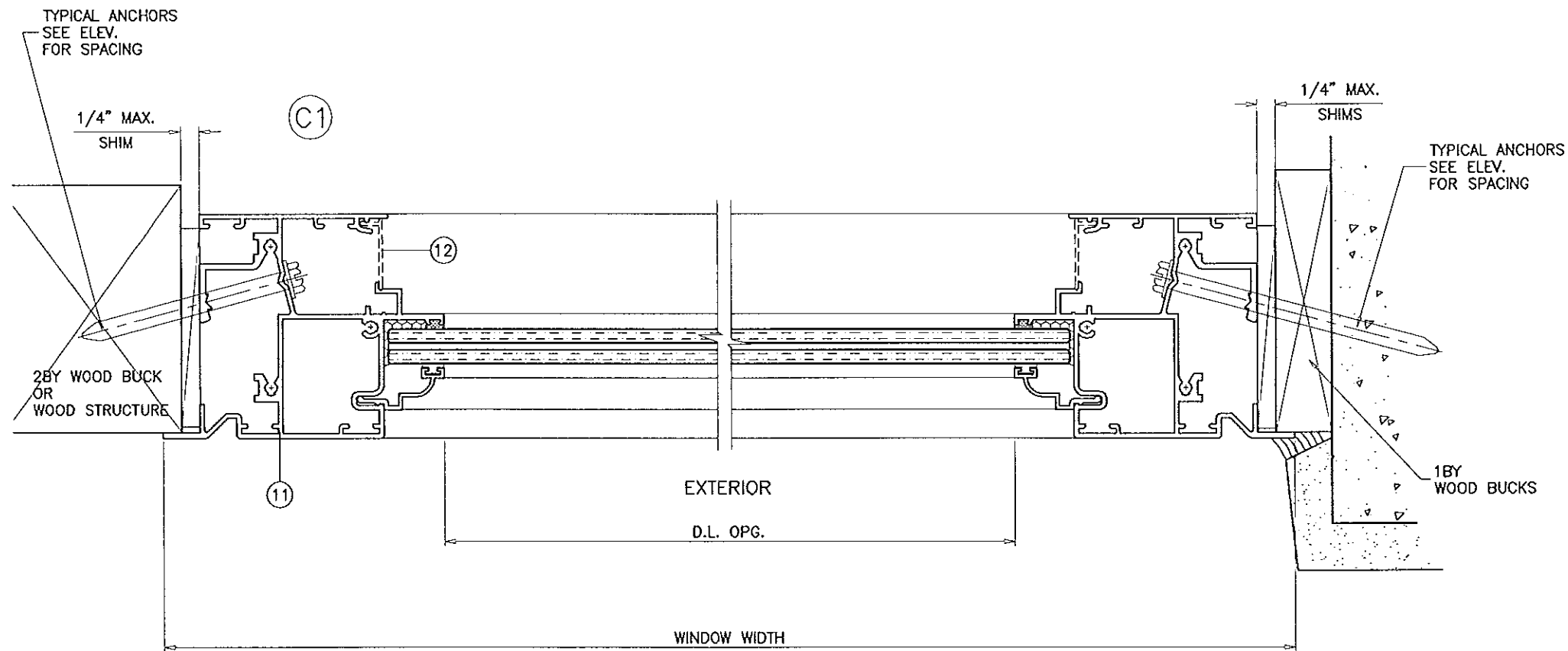
S-425/426 ALUMINUM FIXED WDW. (L.M.I.)

**SIW IMPACT WINDOWS, LLC.**  
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drawing no.  
**W09-55**  
 sheet 7 of 9



SERIES S-426

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

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By *Manuel Perez*  
Miami Dade Product Control

*[Signature]*  
AUG 26 2014

**afc**

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sheet 8 of 9

COMP-ANL\W09-55SIW

